

Converting Colors

XYZ(24.1573, 27.9673, 43.4412)

Have a look what the booklet for
XYZ(24.1573, 27.9673, 43.4412)
contains.

XYZ(24.2030, 28.0339, 43.6706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2030, 28.0339,
43.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	6797AD
RGB	103, 151, 173
RGB Percent	40%, 59%, 68%
CMY	0.5961, 0.4078, 0.3216
CMYK	0.40, 0.13, 0.00, 0.32
HSL	199°, 30%, 54%
HSV	199°, 40%, 68%
XYZ	24.2030, 28.0339, 43.6706
YIQ	139.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

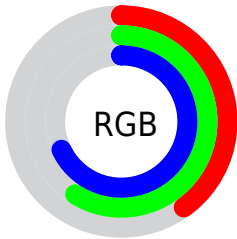
Format	Color
RYB	103, 131, 173
Decimal	6789037
CIELab	59.92, -10.32, -16.60
CIElCh	60, 19.545, 238.127
Yxy	28.0339, 0.2524, 0.2923
Android (android.graphics.Color)	4284979117 (0xFF6797AD)
YUV	139.1560, 16.6851, -31.7088
Hunter-Lab	52.9470, -11.0619, -11.8393

Details

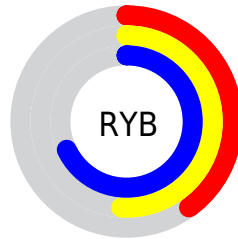
The XYZ color **24.2030, 28.0339, 43.6706** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0160, 24.5315, 16.1441**, and the grayscale version is **24.5490, 25.8275, 28.1261**.

A 20% lighter version of the original color is **49.7395, 56.4322, 81.6697**, and **9.3238, 11.1729, 19.7543** is the 20% darker color. If you saturate the color by 10%, you get **21.5655, 25.4056, 43.3028**, and if you desaturate by 10%, it is **27.2932, 30.9567, 44.0724**.

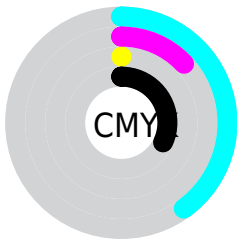
Distribution



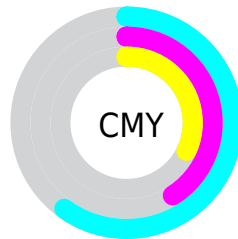
- Red (40%)
- Green (59%)
- Blue (68%)



- Red (40%)
- Yellow (51%)
- Blue (68%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (60%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2030, 28.0339, 43.6706 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 24.2030, 28.0339, 43.6706 by changing the saturation by 10% instead.

■ 24.2030, 28.0339,
43.6706

■ 24.2030, 28.0339,
43.6706

266.2666,
292.6289, 377.3643

■ 15.6098, 18.3512,
30.0763

■ 49.8135, 56.5386,
82.0190

■ 9.3376, 11.2024,
19.6440

■ 67.5616, 76.1293,
107.6103

■ 5.0209, 6.2032,
11.9550

■ 89.0920, 99.7916,
138.0376

■ 2.2944, 2.9690,
6.5909

■ 114.7701,
127.9097, 173.7196

■ 0.7918, 1.1156,
3.1331

144.9613,
160.8681, 215.0747

■ 0.0000, 0.0000,
1.1630

180.0309,

■ 0.0000, 0.0000,

199.0512, 262.5215

0.0000

220.3442,
242.8433, 316.4785

■ 24.2030, 28.0339,
43.6706

■ 24.2030, 28.0339,
43.6706

■ 21.5655, 25.4056,
43.3028

■ 27.2932, 30.9567,
44.0724

■ 19.3519, 23.0544,
42.9656

■ 30.8573, 34.1839,
44.5074

■ 17.5344, 20.9657,
42.6583

■ 34.9183, 37.7287,
44.9776

■ 16.0800, 19.1216,
42.3790

■ 39.4968, 41.6025,
45.4840

■ 14.9501, 17.5014,
42.1258

■ 44.6122, 45.8160,
46.0277

■ 14.0959, 16.1231,
41.9048

■ 50.2830, 50.3796,
46.6097

■ 56.5266, 55.3028,
47.2309

■ 63.3597, 60.5951,
47.8922

■ 69.4223, 65.5559,
48.5302

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.6527, 28.0339, 37.4346



24.2030, 28.0339, 43.6706



26.4896, 28.0339, 46.3313

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.2030, 28.0339, 43.6706



31.7077, 28.0339, 30.9732



24.4574, 28.0339, 19.9837

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.2030, 28.0339, 43.6706



27.0160, 24.5315, 16.1441

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.8017, 28.0339, 18.7961



24.2030, 28.0339, 43.6706



31.0816, 28.0339, 24.5212

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.2030, 28.0339, 43.6706



30.9090, 28.0339, 38.3285



29.2468, 28.0339, 20.3226



22.7931, 28.0339, 23.8584

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.2030, 28.0339, 43.6706



28.1586, 28.0339, 45.4503



29.2468, 28.0339, 20.3226



25.1874, 28.0339, 19.2862

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.2039, 28.0350, 43.6713



61.1984, 66.4172, 80.4001



24.1760, 34.2266, 24.4019



13.0968, 14.2583, 17.4495



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2039, 28.0350, 43.6713



38.8858, 45.7700, 77.5908



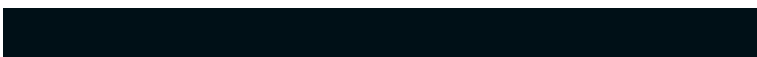
19.4985, 18.6243, 42.1028



8.0208, 8.6410, 10.1978



10.4082, 11.9503, 30.8026



0.3356, 0.4245, 0.8722

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.6705, 20.8200, 31.8395



46.2093, 31.7572, 52.3198



32.0806, 34.6605, 17.8323



8.2283, 8.1046, 9.5131



15.1172, 7.5094, 13.5287



0.4438, 0.2182, 0.4987

Previews

White Background



This preview shows how the XYZ color 24.2030, 28.0339, 43.6706 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.2030, 28.0339, 43.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

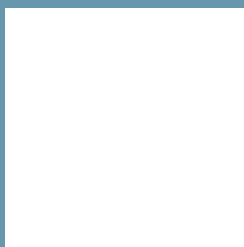
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2030, 28.0339, 43.6706

Background



This preview shows how black text looks on a background with the XYZ color 24.2030, 28.0339, 43.6706.



This preview shows how white text looks on a background with the XYZ color 24.2030, 28.0339,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.2030, 28.0339, 43.6706

Protanopia

27.4450, 27.9239, 40.5026

Deuteranopia

28.4181, 27.8957, 44.4441



Tritanopia

23.3866, 27.9398, 39.7576

Trichromacy



Original Color

24.2030, 28.0339, 43.6706

Protanomaly

26.0445, 27.8580, 41.5405

Deuteranomaly

26.6675, 27.8960, 44.0233

Tritanomaly

23.7756, 28.1084, 41.2181

Monochromacy



Original Color

24.2030, 28.0339, 43.6706

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0126, 26.3149, 33.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2030, 28.0339, 43.6706 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(103, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(103, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 173) }
```

Border

The CSS property to change the border of an element to XYZ 24.2030, 28.0339, 43.6706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 151, 173) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(103, 151, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(103, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(103, 151,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2030, 28.0339, 43.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(103,  
151, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor